

1643  
3

A New Almanacke and  
Prognostication for the  
yeere of our Lord and Sa-  
viour IESVS CHRIST.

1643.

Being the third from the Bis-  
sextile or Leap-yeere.

And from the Creation of the world.

5592.

Referred most especially to the Meri-  
dian and Latitude of the ancient City  
of Durham, aptly serving all the adj-  
cent townes and Counties, indiffe-  
rently the North parts of England,  
and generally the whole  
Continent.

By George Mavorsh of West-  
Auckland, Student in the  
Mathematicks.

*Verbum & opera Iehoue meditare.*

LONDON

Printed by John Dawson for the  
Company of Stationers.

**The common Notes, and moveable Feasts  
for this present yeere. 1643.**

**Old Iulian  
accompt.**

**New Gre-  
gorian ac-  
compt.**

	10	The Golden Number.	10
	28	The Circle of the Sun.	28
	20	The Epact.	10
	11	The Roman Indiction.	11
	8	The Dominical letter.	10
February	12	Shrove Sunday.	12 February.
April	2	Easter Day.	5 April.
May	7	Rogation Sunday	10 April.
May	11	Ascension Day,	14 May.
May	21	Whitsunday	14 May.
May	28	Trinity Sunday.	31 May.
December.	2	Advent Sunday	19 Novemb.

**Ember dayes.**

February 24, 25, 26.      September 10, 12, 23.  
May the 24, 26, 27.      December 20, 22, 23.

**The times wherein Matrimony is prohibited  
by the Church.**

From the beginning of the yeere, till January 13.  
From January 29. untill April 9.  
From May 7. untill May 28.  
From December the 31. to the end of the yeere.



**A Perfect Table of the four Termes, and their  
returnes, with the Essoyne dayes, dayes of ex-  
ception, Returna brevium and dayes of  
Appearance, this yeare 1643.**

**Hillary Terme begins Ianu. 23. ends Febru. 13.**

Returne Dayes, or dayes of Essoyne.	Dayes of exception	Returna Brevium	Dayes of appearance
Octabis Hillary Ia. 20	22	23	23
Quind. Hillary Ia. 27	28	30	30
Craftino Purifi. Feb. 3	4	6	6
Octabis Purifi. Fe. 10	11	13	13

**Easter Terme begins Aprill 19. ends May 15.**

Quind. Pasche. Apr. 17	17	18	19
Tres Pasche, Apr. 24	24	26	27
Mense Pasche, May 1	2	3	4
Quinq. Pasche, May 8	9	10	11
Crafti. Ascen, May 12	13	15	15

**Trinitie Terme begins Iune 2. ends Iune 21.**

Crafti. Trinit. May 19	30	31	Iune 2
Octabis Trinit. Iune 5	6	7	8
Quind. Trinit. Iune 12	13	14	15
Tres Trinit. Iune 19	20	21	21

**Michaelmas Terme begins Octo. 23. ends Nov. 28**

Tres Mich. Octo. 20	21	23	23
Mense Mich. Oct. 27	28	30	30
Craft. Anim. Nov. 3	4	6	6
Craft. Mart. Nov. 13	14	15	15
Octab. Mart. Nov. 20	21	22	22
Quind. Mart. No. 25	27	28	28

**The Exchequer opens 8. dayes before any Terme,  
except Trinity, in which it opens 4. dayes before.**

The Anatomie of Mans Body, as the  
parts thereof are governed by  
the twelue signes.

♊ Head and face.

♊  
Necke and  
throat.

♋  
Breast, sto-  
macke, and  
ribs.

♌  
Bowels  
and belly.

♍  
Secret  
members.

♎  
Knees.



♊  
Armes and  
shoulders.

♋  
Heart and  
backe.

♌  
Reines and  
loynes.

♍  
Thighes.

♎  
Legs.

♏ The Feete.

Charles our gracious King began his reigne over  
Great Brittain the 27. of March, Anno Dom.  
1625. and hath reigned 18. yeares compleat the 26  
of March this yeere 1643. But the 27 day we write  
Anno Regni 19. Vivat in aeternum Rex Carolus,  
quem Deus nunc & in secula seculorum defendat,  
oro.



# January hath xxxi. daues.

Rowse up my Muse, and fixe thy contemplation,  
Vpon the Greatnes, Multitude, and Motion,  
Of the Celestiall traine: Cease not to looke,  
Vpon those glorious letters of Gods Booke.  
Gods Word and Workes, who strives to understand,  
Deserves the best, although he buy no Land.

1	a	New yee. day.	☿	1	21	8.21	3.39	
2	b	Osa. Steph.		13	22	8. 9	3.43	Last quarter
3	c	Osa. Iohn		25	23	8.18	3.45	the 3. day, at 7.
4	d	Osa. Imo.	m	8	24	8.17	3.46	in the morn,
5	e	Simeon.		21	25	8.15	3.47	windy and
6	f	Twelſe day.	♄	5	26	8.14	3.48	moist,
7	g	Julian		19	27	8.12	3.49	
8	a	Lucian.	♃	3	28	8.10	3.50	
9	b	Solin Aqua.		18	29	8. 8	3.52	New moone
10	c	Agapite.	☿	3	30	8. 6	3.54	the 10 day, 4
11	d	Agustinus.		19	1	8. 5	3.55	min. past 6.
12	e	Archadius.	♄	4	2	8. 3	3.57	morn. great
13	f	Phillary.		19	3	8. 1	3.59	winds.
14	g	Felix.	♃	3	4	8. 0	4. 0	
15	a	Maurice.		17	5	7.58	4. 2	
16	b	Marcell.	♄	1	6	7.57	4. 3	First quarter
17	c	Anthony.		14	7	7.55	4. 5	the 16 day, 40
18	d	Basica.		27	8	7.53	4. 7	m. af. 10 at
19	e	Wolstan.	♄	9	9	7.51	4. 9	night snow or
20	f	Agnes.		22	10	7.49	4.11	rain.
21	g	Vincent.	♄	4	11	7.47	4.13	
22	a	Gregory.		16	12	7.45	4.15	
23	b	Termie begin.		28	13	7.43	4.17	
24	c	Timothy.	♄	10	14	7.41	4.19	Full moone
25	d	Con. of Paul		22	15	7.40	4.20	the 24. day, 52
26	e	Pollicarp.	♄	4	16	7.38	4.22	min. past 8 at
27	f	Agnes 2.		16	17	7.36	4.24	night, cloudy.
28	g	Valerius.		28	18	7.34	4.26	
29	a	Sepruageſſim.	☿	10	19	7.32	4.28	
30	b	Batild qu.		22	20	7.29	4.31	
31	c	Saturnus.	m	4	21	7.27	4.33	

# February hath xxviij. dayes.

Saturne and Iove the twentieth day doe meete.  
 Causing great windes, with raine, or snow, and fleete,  
 And Inundations. This Month you'll see,  
 That Tyne and Teas will much enlarged be.  
 And if you heare not of some greater ill,  
 Then henceforth trust not Naworth for his skill.

1	D	Faith	m	17	Q	7, 25	4, 35	Last quarter
2	C	Purif. Mary.	f	0	23	7, 23	4, 37	the 1. day,
3	f	Blase.		13	24	7, 20	4, 40	neere 11. at
4	g	Gilbert.		27	25	7, 18	4, 42	night, raine.
5	a	Agatha.	vp	12	26	7, 16	4, 44	
6	b	Amandus.		27	27	7, 13	4, 47	
7	c	Augustine.	≈	12	28	7, 11	4, 49	
8	D	Paul.		27	●	7, 9	4, 51	New moone
9	e	Jol in Pisces	✕	12	1	7, 7	4, 53	the 8. day, neer
10	f	Scholastica.		27	2	7, 1	4, 55	4. afternoone,
11	g	Vigintus.	v	12	3	7, 3	4, 57	moisture.
12	a	Shrovesunday		16	4	7, 1	4, 59	
13	b	Terme end.	δ	16	5	6, 58	5, 2	
14	c	Valentine.		23	6	6, 56	5, 4	First quarter
15	D	Agabus.	II	6	7	6, 54	5, 6	15. day, neere
16	e	Faustine.		19	8	6, 52	5, 8	noone.
17	f	Julian.	☉	1	9	6, 50	5, 10	
18	g	Simcon.		13	10	6, 48	5, 12	
19	a	Sabine.		25	11	6, 45	5, 15	
20	b	Mildred.	Ω	7	12	6, 43	5, 17	
21	c	Mar. Mart.		19	13	6, 41	5, 19	
22	D	Peters chair	☿	1	14	6, 38	5, 22	Full moon the
23	e	Faith		13	●	6, 36	5, 24	23. day, neer 3.
24	f	S. Mathias.		25	16	6, 34	5, 26	in the after-
25	g	Inven. Paul	☿	7	17	6, 31	5, 29	noon, cold.
26	a	Ethelbert.		19	18	6, 29	5, 31	
27	b	Oswald.	m	1	19	6, 27	5, 33	
28	c	Roman.		14	20	6, 24	5, 36	
Month	Week	Festivall & Law dayes.	the Sign of	☉	☿	Sun rise	☿	tun set.



# March hath xxxj. dayes.

The Daies bright light, and lowring Chronos meeting,  
 Neere th'Equinoxe, produce Celestiall weeping:  
 But afterward the Suns all-quickning Raies  
 Cast on kinde Love cause faire though windy daies,  
 The Starres Position in this Vernall Scheme,  
 Points times of grieke, whereon we nere did dreame,

1	D	David bish.	m	27	21	6,22	5,38	
2	e	Ebad bish.	T	10	22	6,20	5,40	
3	f	Maurice.		23	Q	6,18	5,42	Last quarter
4	g	Stephen.	v	7	24	6,16	5,44	the 3. day, neere
5	a	Eusebius.		28	25	6,13	5,47	11. in fore-
6	b	Elidor.	≡	6	26	6,11	5,49	noon, faire.
7	c	Etho. Aquin.		20	27	6, 9	5,51	
8	d	Felix dego.	X	5	28	6, 6	5,54	New moone
9	e	Alexander.		10	29	6, 4	5,56	10. day, halfe
10	f	John Aries.	V	5	30	6, 2	5,58	an hour past 1.
11	g	40 Mart.		20	1	6, 0	6, 0	morning, wet.
12	a	Gregory.	♂	4	2	5,58	6, 2	
13	b	Ermitill.		18	3	5,56	6, 4	
14	c	Longine.	H	2	4	5,54	6, 6	
15	d	Candide.		15	5	5,51	6, 9	
16	e	Boniface.		28	6	5,49	6,11	First quarter
17	f	S. Patrick.	S	10	7	5,47	6,13	the 17. day,
18	g	H. Edward.		22	8	5,44	6,16	past 4. in mor-
19	a	Joseph Con.	Ω	4	9	5,42	6,18	ning. wind.
20	b	Eustbert.		16	10	5,40	6,20	
21	c	Benedict.		28	11	5,38	6,22	
22	d	Aphrodite.	♂	9	12	5,36	6,24	Full moon the
23	e	Theodore.		21	13	5,33	6,27	25. day, neere
24	f	Fair	≡	4	14	5,31	6,29	8. morning.
25	g	Anun. of Ma.		16	15	5,29	6,31	wind.
26	a	Castor.		28	16	5,26	6,34	
27	b	Imit. regis Car.	m	11	17	5,24	6,36	
28	c	Dorothe.		24	18	5,22	6,38	
29	d	Eusebe.	T	6	19	5,20	6,40	
30	e	Gudon.		20	20	5,18	6,42	
31	f	Adelme.	v	4	21	5,16	6,44	

# April hath xxx. daues.

About the Sixt, Eleventh, Twelfth, and Sixteenth day,  
To have great Winds, and Raine, expect we may,  
If not some Thunder, Beside the hateful Square,  
Twixt Love and Mars. most strong augmenters are,  
Of those effects: But what the event will be,  
Tis God that knowes. Man were too vile to see.

1	<b>A</b> Theodor.	♊	17	5.14	6.46	
2	<b>A</b> Easter day.	♊	12	5.12	6.48	Last quarter
3	<b>b</b> Apianus.		15	4.5.10	6.50	the day,
4	<b>c</b> Adore.	♋	0	2.5.8	6.51	about 7 at
5	<b>d</b> Vincent.		14	1.6.5.	6.54	night, raine.
6	<b>e</b> Sextus.		19	1.7.5.	4.6.56	
7	<b>f</b> Euphemis.	♌	14	1.8.5.	2.6.58	
8	<b>g</b> Dionisus.		18	4.5.9	7.1	New moone
9	<b>h</b> Solin Taur.	♍	12	1.4.5	7.3	the 8 day neere
10	<b>b</b> Ezechiel.		26	2.4.55	7.5	11 before
11	<b>c</b> Leo.	♎	10	3.4.53	7.7	noone, faire.
12	<b>d</b> Julius		13	4.4.51	7.9	
13	<b>e</b> Emigill.	♏	6	5.4.49	7.11	
14	<b>f</b> Valerian.		18	6.4.47	7.13	First quarter
15	<b>g</b> Leonard.	♐	0	7.4.45	7.15	the 15 day af.
16	<b>h</b> Adore.		12	8.4.41	7.18	ter 9 at night,
17	<b>b</b> Anicetus.		14	9.4.40	7.20	raie.
18	<b>c</b> Eluther.	♑	6	10.4.38	7.22	
19	<b>d</b> Terme begin.		18	11.4.36	7.24	
20	<b>e</b> Victor.	♒	0	12.4.34	7.26	Full moone the
21	<b>f</b> Simeon.		12	13.4.32	7.28	2, day past 10
22	<b>g</b> Bothe.		24	14.4.30	7.30	in the night,
23	<b>h</b> George.	♓	7	4.28	7.32	winde.
24	<b>b</b> Egebert.		20	16.4.26	7.34	
25	<b>c</b> E. Make.	♈	3	17.4.14	7.36	
26	<b>d</b> Elete.		17	18.4.12	7.38	Last quarter
27	<b>e</b> Anastatus.	♉	0	19.4.20	7.40	the 30 day at
28	<b>f</b> Vitalis.		14	20.4.18	7.4	midnight.
29	<b>g</b> Peter of M.		28	1.4.16	7.44	
30	<b>h</b> Erkinwald.	♊	12	4.14	7.46	



# May hath xxxj. dayes.

The first day showers of Raine you may expect;  
Thence other Causes, cause contrary effect,  
For twentie daies Then Mars and Venns square,  
Whereby the Gates of Heaven set open are,  
Raine poureth downe, and Winds are often blowing.  
Which in some rivers may cause over-flowing.

1	b	Phil. Iacob	♊	26	24	4, 12	7, 48	
2	c	Athana. Aug.	♋	10	25	4, 10	7, 50	
3	d	Invent. Crucis		24	26	4, 8	7, 52	
4	e	Florentinus.	♌	5	27	4, 6	7, 54	New moone
5	f	Gothard.		23	28	4, 4	7, 56	the 7 day neere
6	g	Iohn Port. lat.	♍	7	29	4, 3	7, 57	9 in the night
7	h	Iohn Beverly.		21	30	4, 1	7, 59	seasonable.
8	b	Sp. Mich.	♎	4	1	4, 0	8, 0	
9	c	Nicholas.		18	2	3, 58	8, 1	
10	d	Solin Gem.	♏	1	3	3, 57	8, 2	
11	e	Ascension da.		14	4	3, 55	8, 4	First quarter
12	f	Geruatinus.		26	5	3, 54	8, 6	the 15 day
13	g	Boniface.	♐	8	6	3, 52	8, 8	neere 3 after
14	h	Sophie.		20	7	3, 51	8, 9	noone, faire.
15	d	Terme ends	♑	2	8	3, 49	8, 11	
16	e	Aladore M.		14	9	3, 47	8, 13	
17	d	Erani Ber.		26	10	3, 46	8, 14	
18	e	Dial. of mar.	♒	8	11	3, 44	8, 16	Full Moone
19	f	Dunstan.		20	12	3, 42	8, 17	the 23 day
20	g	Bernardus.	♓	2	13	3, 41	8, 18	neere 11 before
21	h	Whituesday.		15	14	3, 40	8, 19	noone, showers
22	b	Julian.		28	15	3, 39	8, 20	
23	c	Desiderii.	♈	12	16	3, 38	8, 21	
24	d	Ember weeke		26	17	3, 37	8, 22	Last quarter
25	e	Urban.	♉	10	18	3, 36	8, 23	the 30 day
26	f	Castulus.		24	19	3, 35	8, 24	neere 6 in the
27	g	Augustine.	♊	9	20	3, 35	8, 25	morning, faire
28	h	Trinitie Sund		23	21	3, 34	8, 26	
29	b	Nat. P. Char.	♋	7	22	3, 33	8, 27	
30	c	Felix.		21	23	3, 32	8, 28	
31	d	Merius.	♌	5	24	3, 31	8, 29	

# Luneth xxx. dayes.

Saturne in square with Sol and Mercury,  
 And Mayors mounted in the Summitie  
 Of his Eccentricke; bode no good at all:  
 But to let great things passe: Tis like wee shall  
 Oppressed be with Heate, with Sorrow, Crosses,  
 But winds may coole us; God repaire our Losses.

1	a	Nichomede.	V	19	25	3,30	8,30	Corp. Christ.
2	f	Terme begin	♂	3	26	3,30	8,30	
3	B	Marcellus.		16	27	3,29	8,31	
4	a	Quirine.	II	0	28	3,29	8,31	
5	b	Boniface.		13	29	3,28	8,32	New moone
6	c	Helon,		26	30	3,28	8,32	the 6. day,
7	d	Paul.	♂	9	1	3,28	8,32	neere 8. in mor-
8	e	Trans. Edw.		22	2	3,28	8,32	ning, coole
9	f	Medard.	♂	4	3	3,28	8,32	blasts.
10	g	Valerius.		16	4	3,28	8,32	
11	a	Sol in Cancer		28	5	3,27	8,33	
12	b	Barnaby.	♂	10	6	3,27	8,33	
13	c	Anth. Conf.		22	7	3,27	8,33	First quarter 14
14	d	Basil bish.	♂	3	8	3,27	8,33	day, neere 9.
15	e	Brandon.		15	9	3,28	8,32	in morning,
16	f	Marcell.		28	10	3,28	8,32	seasonable.
17	g	Prim. Felix.	♂	10	11	3,28	8,32	
18	a	Barbara.		23	12	3,28	8,32	
19	b	Gerbase.	♂	7	13	3,28	8,32	
20	c	Botolph.		20	14	3,28	8,32	Full moon the
21	d	Terme ends.	♂	5	15	3,29	8,31	21. day neere
22	e	Alban mar.		19	16	3,29	8,31	7. afternoone,
23	f	Fast	♂	4	17	3,30	8,30	temperate.
24	g	S. Iohn bap.		19	18	3,30	8,30	
25	a	Augustine.	♂	3	19	3,31	8,29	
26	b	Job & Paul.		18	20	3,32	8,28	Last quarter
27	c	Crescens.	V	2	21	3,33	8,27	the 28. day,
28	d	Fast		16	22	3,34	8,26	neere 11. be-
29	e	S. Peter Apost.		29	23	3,35	8,25	fore noon,
30	f	Con of Paul.	♂	13	24	3,36	8,24	faire.



# July hath xxxj. dayes.

The Fifth of Iuly's like to thunder, rain,  
But afterwards the weathers more serene,  
Till after that the Dog-starre risen be,  
Whence it inclineth to variety;  
Ending the Month with cold and suddaine showers,  
And whirling blaststo vex these hearts of ours.

1	g	Oct. Jo. Bap.	♄	26	25	1, 37 8, 23	
2	d	Mat. of Ma.	♂	9	26	3, 38 8, 22	
3	e	Hyacinth.		22	27	3, 39 8, 21	
4	c	Trans. Ma.	♂	5	28	3, 40 8, 20	New moone
5	d	Joe King.		18	♄	3, 42 8, 19	the 5 day,
6	e	Oct. Peter.	♂	0	1	3, 43 8, 18	neere 9. at
7	f	Partialis.		12	2	3, 45 8, 17	night, clewdy.
8	g	Gimbal.		24	3	3, 46 8, 16	
9	a	Chiliasm.	♄	6	4	3, 48 8, 14	
10	b	7. Wythien.		18	5	3, 50 8, 13	
11	c	Trans. bene.	♄	0	6	3, 51 8, 11	
12	d	Flab. & Felix		13	7	3, 52 8, 9	First quarter
13	e	Sol in Leo.		24	8	3, 54 8, 8	14. day, neere
14	f	Renell.	♄	6	9	3, 55 8, 6	1. morning,
15	g	Swithin.		18	10	3, 57 8, 5	winde.
16	a	Allexus.	♄	1	11	3, 58 8, 3	
17	b	Trans. Ol.		15	12	4, 0 8, 2	
18	c	Arnolph.		29	13	4, 1 8, 0	
19	d	Dog daies beg.	♄	13	14	4, 3 7, 59	Full Moon 21.
20	e	Margaret.		28	15	4, 4 7, 57	day, part 2.
21	f	Marthe bly.	♄	13	♄	4, 6 7, 56	morning, tem-
22	g	Mary Mag.		28	17	4, 8 7, 54	perate.
23	a	Apolline.	♄	13	18	4, 10 7, 52	
24	b	Fall		27	19	4, 12 7, 50	
25	c	S. James Ap.	♄	12	20	4, 13 7, 48	Last quarter
26	d	Anna.		26	21	4, 15 7, 46	the 27. day,
27	e	Martha.	♄	10	♄	4, 17 7, 44	neere 6 in the
28	f	Samson.		23	23	4, 19 7, 42	night, seasona-
29	g	Felix.	♄	6	24	4, 20 7, 40	ble.
30	a	Abdon.		19	25	4, 22 7, 38	
31	b	Germane.	♄	2	26	4, 24 7, 36	

# August hath xxxj. dayes.

The chiefe Adjutors of Mans Nature send,  
From the first entrance of the Month to th'end,  
Sweet influence downe upon us. O that Men,  
Would therefore praise the powerfull King of Heaven!  
Who though in justice he might rightly grieve vs,  
Yet in his Mercy this way doth relieve vs.

1	c	Lammas day.	♄	14	27	4,26	7,34	
2	d	Stephen.		27	28	4,28	7,32	
3	e	Juden. Ste.	♌	9	29	4,30	7,30	
4	f	Domstic.		21	●	4,32	7,28	New moone
5	g	Gowries conf.	♊	3	1	4,34	7,26	the 4. day
6	h	Christ Transl.		15	2	4,36	7,24	neere 11. be-
7	i	Astrixius.		27	3	4,38	7,22	fore noone,
8	c	Donatus.	♋	8	4	4,40	7,20	faire.
9	d	Roman.		20	5	4,42	7,18	
10	e	Laurence.	♍	2	6	4,45	7,15	
11	f	Elbert.		14	7	4,47	7,13	
12	g	Clare.		27	●	4,49	7,11	First quarter
13	h	Solin Virgo.	♈	10	9	4,51	7, 9	the 12. day
14	i	Hippolite.		23	10	4,53	7, 7	neere 3. after-
15	c	Eusebius.	♊	7	11	4,55	7, 5	noone, cloudy
16	d	Elther.		21	12	4,57	7, 3	
17	e	Octa Laur.	♋	6	13	4,59	7, 1	
18	f	Agapete.		21	14	5, 1	6,58	Full moone
19	g	Magnus.	♌	6	●	5, 4	6,56	the 19. day
20	h	Rodowick.		21	16	5, 6	6,54	neere 10 in
21	i	Bernard.	♍	6	17	5, 8	6,52	the forenoone,
22	c	Oct. Assump.		21	18	5,10	6,50	wet.
23	d	Fast	♎	5	19	5,12	6,48	
24	e	S. Barth. Apo.		19	20	5,14	6,46	
25	f	Lewis King.	♏	3	21	5,16	6,44	Last quarter
26	g	Sephan.		16	●	5,18	6,42	the 26. day
27	h	Dog. dsi. end.		29	23	5,20	6,40	neere 3. in the
28	i	Basiline.	♐	12	24	5,22	6,38	morn, windie
29	c	Augustine.		24	25	5,24	6,36	
30	d	Felix.	♑	6	26	5,26	6,34	
31	e	Euthbert.		18	27	5,29	6,31	



# September hath xxx. dayes.

The Ninth day Mars and Saturne doe Oppose,  
Then looke for haile, or Raine. and Thundring blower.  
The Seventeenth day at Even (if the Aire be cleere)  
The Moone (almost halfe darkned) shall appeare.  
Other great Aspects, and Effects ensue,  
Gods will be done. Men are a drooping crue.

1	f	Giles abbot.	♄	0	28	5.31	6.29	
2	g	Anthony.	♈	11	29	5.33	6.27	
3	a	Gregory.	♉	23	30	5.36	6.24	
4	b	Euthbert.	♊	5	1	5.38	6.22	New Moone
5	c	Bertine.	♋	17	2	5.40	6.20	3. day, neere
6	d	Eugenius.	♌	29	3	5.42	6.18	in morning,
7	e	Pat. Sim.	♍	11	4	5.44	6.16	seasonable.
8	f	Gorgonius.	♎	24	5	5.47	6.13	
9	g	Silvius.	♏	6	6	5.49	6.11	
10	a	Prothas.	♐	19	7	5.51	6.9	First quarter
11	b	Sillicius.	♑	2	8	5.54	6.6	11. day, neere
12	c	Prothy.	♒	16	9	5.56	6.4	2. in morning,
13	d	Holin Libr.	♓	0	10	5.58	6.2	faire,
14	e	Holy Crosse.		14	11	6.06	6.0	
15	f	Richomede.		29	12	6.2	5.58	
16	g	Edith.	♈	14	13	6.4	5.56	Full Moone
17	a	Lambert.	♉	29	14	6.6	5.54	the 17. day,
18	b	Hicorius.	♊	14	15	6.9	5.51	neere 7. at
19	c	Theodore.	♋	29	16	6.11	5.49	night, raine.
20	d	Fast	♌	14	17	6.13	5.47	
21	e	S. Macchew.		28	18	6.16	5.44	
22	f	Maurice.	♍	12	19	6.18	5.42	
23	g	Ecla.		25	20	6.20	5.40	Last quarter
24	a	Andoche	♎	8	21	6.22	5.38	24. day, neere
25	b	Firmin.	♏	21	22	6.24	5.36	4. in the after-
26	c	Ciprian.	♐	3	23	6.27	5.33	noone, raine.
27	d	Cal. & Dam.		15	24	6.29	5.31	
28	e	Crisperius.		27	25	6.31	5.29	
29	f	Michael Arch.	♑	9	26	6.34	5.26	
30	g	Picrome.		20	27	6.36	5.24	

# October hath xxxj. dayes.

This Moneths beginning may prove something bad,  
 Yet will the middle make us wondrous glad.  
 The twentieth eight day will contrary prove,  
 For then doth Mars meete with the Queene of Love,  
 The Cataracts of Heaven be open set,  
 Then forthwith poures downe showres of raine or sleet.

1	a	Remigius.	♊	2	28 6, 38	5, 22	
2	b	Leodegarius		14	6, 41	5, 19	New moon 2.
3	c	Cand. Mar.		26	1 6, 43	5, 17	day, neere 9.
4	d	Franc. Confel.	♋	8	2 6, 45	5, 15	at night,
5	e	K. Charles ret.		21	3 6, 48	5, 12	windy.
6	f	Faith vrg.	♌	3	4 6, 50	5, 10	
7	g	Sergius.		16	5 6, 52	5, 8	
8	a	Delagius.		29	6 6, 54	5, 6	
9	b	Theodore.	♍	11	7 6, 56	5, 4	First quarter
10	c	Trifhon.		29	8 6, 58	5, 2	the 10. day,
11	d	Aicaf. bish.	♎	10	9 7, 1	4, 59	neere noone,
12	e	Wulfre.		24	10 7, 3	4, 57	winde.
13	f	Trans. Edw.	♏	8	11 7, 5	4, 55	
14	g	Sol in Scorpio		23	12 7, 7	4, 53	
15	a	Murella.	♐	8	13 7, 9	4, 51	
16	b	Gell. abbot.		23	14 7, 11	4, 49	Ful moon 17.
17	c	Ethelred.	♑	8	15 7, 13	4, 47	day, neere 4.
18	d	S. Luke.		22	16 7, 16	4, 44	in morning,
19	e	Frideswide.	♒	6	17 7, 18	4, 42	seasonable.
20	f	Einolphus		20	18 7, 20	4, 40	
21	g	II. Mart. M.	♓	4	19 7, 23	4, 37	
22	a	Cozdula.		17	20 7, 25	4, 35	
23	b	Terme begin.		29	21 7, 27	4, 33	
24	c	Scharinus.	♊	11	22 7, 29	4, 31	Last quarter
25	d	Crispin.		23	23 7, 32	4, 28	24. day, neere
26	e	Edvritus.	♋	5	24 7, 34	4, 26	10. forenoone,
27	f	Fast		17	23 7, 36	4, 24	raie.
28	g	Simon & Iude		29	16 7, 38	4, 22	
29	a	Marcellus.	♌	11	17 7, 40	4, 20	
30	b	Germane.		25	28 7, 41	4, 19	
31	c	Fast	♍	5	29 7, 43	4, 17	



# November hath xxx. dayes.

The mutuall Aspects of the wandring Seaven,  
And they with fixed Startes compared againe,  
Doe truly and most evidently shew,

About the Middle of this Month some Snow.

With showers of Raine. and strong impetuous wind.  
Thus variously the Season is inclin'd.

1	d	All Saints.	m	17	7.45	4.15	
2	e	All Saints.	f	0	7.47	4.13	New moon.
3	f	Winnifride.		11	7.49	4.11	the first day,
4	g	Winnifride.		26	7.51	4.9	at 2. in the af-
5	a	Fowder plot	vp	9	7.53	4.7	ternoone.
6	b	Leonard.		23	7.55	4.5	
7	c	Winnifride.	≈	7	7.57	4.3	
8	d	4 Crowned.		20	7.58	4.2	
9	e	Theodore.	✕	4	8.0	4.0	First quarter
10	f	Trifon		18	8.1	3.59	day, neere 9.
11	g	Bylce.	γ	3	8.3	3.57	in the night,
12	a	Sol in Sagitt.		17	8.5	3.55	winde.
13	b	Martine.	♂	2	8.6	3.54	
14	c	Tran. Erb.		16	8.8	3.52	
15	d	Macure.	II	0	8.10	3.50	
16	e	Edmund de,		14	8.12	3.48	Full moon the
17	f	Init. Reg. Eli		28	8.14	3.46	15. day, neere
18	g	Celestin.	♂	11	8.15	3.45	4. in afternoon.
19	a	K. Charles bo.		25	8.17	3.43	seasonable.
20	b	Agapins M.	Ω	7	8.18	3.42	
21	c	Cicely.		19	8.19	3.41	
22	d	Presen. Ma.	μ	1	8.21	3.39	
23	e	Clement.		13	8.22	3.38	Last quarter
24	f	Chyslogon.		25	8.23	3.37	the 22. day,
25	g	Katharine.	≈	7	8.24	3.36	neere 6. mor-
26	a	Adventfund.		19	8.25	3.35	ning. faire.
27	b	Conradus.	m	1	8.26	3.34	
28	c	Terme ends.		13	8.27	3.33	
29	d	Fall		25	8.28	3.32	
30	e	S. Andrew.	f	9	8.29	3.31	

# December hath xxxi. dayes.

The Sun and Saturne in a Quartile moue  
The thirteenth day, projecting from above  
Effects of Snow, a cold and Frostie Season:  
And otherwiseto judge I see small Reason.

This may you see the great Iehovah still,  
Disposeth, altereth, all things at his Will.

1	f	Eligius.	T	22	8.29	3.31	
2	g	Albanus.	♊	6	18.30	3.30	New moone
3	h	Rufus.	♋	19	28.30	3.28	the first day,
4	b	Barbara.	♌	3	38.31	3.29	neere 5. a clock
5	c	Seb. abbot.	♍	17	48.31	3.29	in morning,
6	d	Nicolas.	♎	1	58.32	3.28	
7	e	Ambrose.	♏	15	68.32	3.28	
8	f	Concept. Ma.	♐	29	78.32	3.28	First quarter 2
9	g	Cyprian.	♑	13	88.32	3.28	day, neere 6.
10	h	Eulalie.	♒	27	98.31	3.28	morning,
11	b	Solin Capric	♓	11	108.31	3.28	cloudy.
12	c	Paul Bish.		25	118.33	3.27	
13	d	S. Lucie.	♈	9	128.32	3.28	
14	e	Valerian.	♉	23	138.32	3.28	Full moone
15	f	Alicius.	♊	6	148.32	3.28	15. day, neere
16	g	Marimint.	♋	20	158.32	3.28	5. in the mor-
17	h	Ord. Minist.	♌	2	168.31	3.28	ning, windy.
18	b	O Sapientia.		15	178.32	3.28	
19	c	Victor.		27	188.31	3.29	
20	d	Fast	♍	9	198.31	3.29	Last quarter
21	e	S. Thomas.	♎	21	208.30	3.30	23. day, neere
22	f	30 Martyrs.	♏	3	218.30	3.30	5. morning,
23	g	Victor Virg.	♐	15	228.29	3.31	cold.
24	h	Fast		26	238.29	3.31	
25	b	Christmas day	♑	9	248.28	3.32	
26	c	Stephen Marc.	♒	21	258.27	3.33	New moone
27	d	John Evang.	♓	4	268.26	3.34	30. day, neere
28	e	Innocents.	♈	17	278.25	3.35	8. at night,
29	f	Thom. Sec.	♉	0	288.24	3.36	windy.
30	g	James Trans.		14	298.23	3.37	
31	h	Albaster.		28	308.22	3.38	



*Neworth. 1643.*

A Prognostication for this year  
of our Redemption 1643.

Wherein is contained a particular  
discription of all the Eclipses happening  
this yeare, with an Astrologicall judge-  
ment of the last Eclipse of the Mo<sup>n</sup>, together  
with a Type thereof. Also most excellent  
and easie rules whereby to finde the rising  
and setting of the Moon here at New-  
castle for every day in the yeare.

And to find the High-water  
there, and in most other  
Coasts in or adjoyning  
this Kingdome.

*Likewise a short discourse of the Teares, and  
the originall ground of the alteration of the Ro-  
mans Kalender, and the reason of the difference  
betweene them and us, with other Notes and Obser-  
vations most fitting this volume.*

By GEORGE NEWORTH, Student in the  
MATHEMATICKS.

*Dixit autem Deus: Fiant luminaria in Firmamento Caeli, &  
dividant diem & noctem, & sint in signa & tempora &  
dies & Annos. Gen. 1. 14.*

LONDON:

Printed by J. Oker, for the Companie of  
STATIONERS, 1643.

The dominion of the Moon in mans body, passing  
under the twelve Zodiacall Conitellations.



The Ram doth rule the Head and Face,  
The neck and Throat is Taurus's place:  
The Twins the Armes and Shoulders guide;  
The Crab the Breast, the Spleene and Side:  
The Hart and Back's old Leo's share;  
Of Belly and Bowells the Maid takes care;  
To Libra Reines and Loines belong,  
The Secrets to the Scorpion;  
The Thighes the Archer doth direct,  
And Capricorne the Knees protect;  
The Lees of Aquarius for doth fall,  
And feet to Pisces last of all.





**Naworth. 1643.**

**Astronomical Calculations for this present  
and immediate Year, 1643.**

**T**he Precession of the Equinoctial, according to the Prutenicks, is 28. degr. 29. min. 50. sec.

The greatest Obliquitie of the Zodiack, according to the Prutenicks, is 23. degr. 28. min. 0. sec.

The Eccentricitie of the Sun by those Tables, is 32192. such parts; as the semidiameter of the Eccentrick of the Sun is 100000. Or one part, 55. min. 54. sec. the totall Signe being 60.

The Auge, or Apogeeon of the Sun by the same Tables, is in the 10. degr. 50. min. 55. sec. of Cancer. But with Tycho in the 6. degr. 11. min. 14. sec. of the same signe.

The true or apparent magnitude of the Tropicall yeare, is 365 dayes, 5 houres, 55 minutes, 38. seconds.

Of the Eclipses this yeare.

**F**oure Eclipses shall be noted this year up in the superficies of this Globe of Mortallitie, three of the Sunne, and as many of the Moon, whereof the latter of the Moon will be onely visible in our Hemisphere.

## A Prognostication

The first will be of the Sun the tenth of March, according to our account, but the 20. of the same month after the Roman account . 41. min. past one a clock in the morning: But not to be seen in any part of Europe. It will be a great Eclipse in the uttermost East part of Asia, regnis nempe Chinorum & magni Chami; Insulisque adjacentibus, Japonia Xicoca, Xima, Lequeo, Luconia, with many others thereabout. The digits or parts Eclipsed being 10. and 40. min. and the Luminaries in the 29. degr. 25. min. of Pisces.

The second Eclipse will be of the Moon, upon the 25. day of March, after our account, but the 4. of April, according to the Gregorian account, at 45. min. past 8. in the morning. This will be seen of such as are removed westward from us, in Mexicana and Peruviana. The parts darkened are onely 3. and 8 minutes; the Sun being in the 14. degr. 29. min. of Aries, and the Moon in the same degree and minute of the opposite Signe Libra.

The third will be of the Sun, the third day of September, according to our English account; but the 13. of the same month after the reformed account, the minutes before 4. a clock in the morning. This Eclipse will not be seen of us, both in regard of the Meridianall (or south) Latitude of the Moon, and also because at both the true, and (much more) visible Conjunction, the Luminaries are under our Horizon. It will be conspicuous in the East Ocean, and the Iles Madagascar, Romeos, Java major, and Java minor, and in Lucach, Beach,



**Meworth, 1643.**

**Beach and Maletur, Kingdomes of Magellanica:**  
The Digits obscured will bee 9. and 15. minutes,  
both the Luminaries being in the 19. degr 57. min.  
of Virgo.

The fourth (and last) Eclipse will be of the Moon,  
and shall be seen of us, if the Ayre bee cleare, upon  
the 27. day of September, according to the Roman  
or Lillian account, but the 17. of the same month,  
according to the Julian or English account.

The beginning whereof (according to the Appa-  
rent time) in this our Meridian of New-Castle,  
will be at 44. minutes past five a clock in the  
evening:

The middle at 59. minutes past 6.

The end at 14. min. past 8.

The time of Incidence is one houre fifteen  
minutes.

So that the whole Duration from the beginning  
to the ending, will be two houres and 10. min.

The Digits or Parts Eclipsed will be five, and  
58. minutes: The Moone at the middle of the E-  
clipse being in the fourth degree, 17. min. of Aries,  
and in the 12. house, and East and by south point of  
Heavens.

Her Latitude at the beginning of the Eclipse is  
42. min. 22. sec. and at the ending 50. min. 31  
sec: both Meridional Descendent.

The Meridian of this Eclipse is distant 5: houres  
and one minute eastward from us, wherefore they  
that live in the Longitude 98 parts, and 10 min:  
shall observe it in their Meridian or Moone Head.

## A. Prognostication.

As touching the effects, it generally portendeth corruption of the ayre, pestilence, all differences of fevers, great drought, seditions, and suddaine commotions of wars.

The Regions, Cities and Townes, subject to the influence of this Eclipse be many, but I will remember but a few that confirme, such are Bactermia, Syria, Palestina, Great Britaine, France, Germany, Burgundy, Sweveland: And of Cities and Townes, Naples, Ancona, Ferrara, Florence, Verona, Capua, Lindavia, Cracovia, &c.

The effects of this Eclipse will continue in force 75. dayes; during which time, it will be very pernicious, and offensive to all such men or women, in whose Horoscopes the Moon happened to be in the fourth degree of Aries or Libra or the twelfth degree of Taurus ascending the sixth degree of Capricorne Culminating. For all those that had the Moon placed in their Venere, are far more subject to the working of the Influence of this Eclipse, than any other, and the effects are likely (in one manner or other) to be shewed upon them.

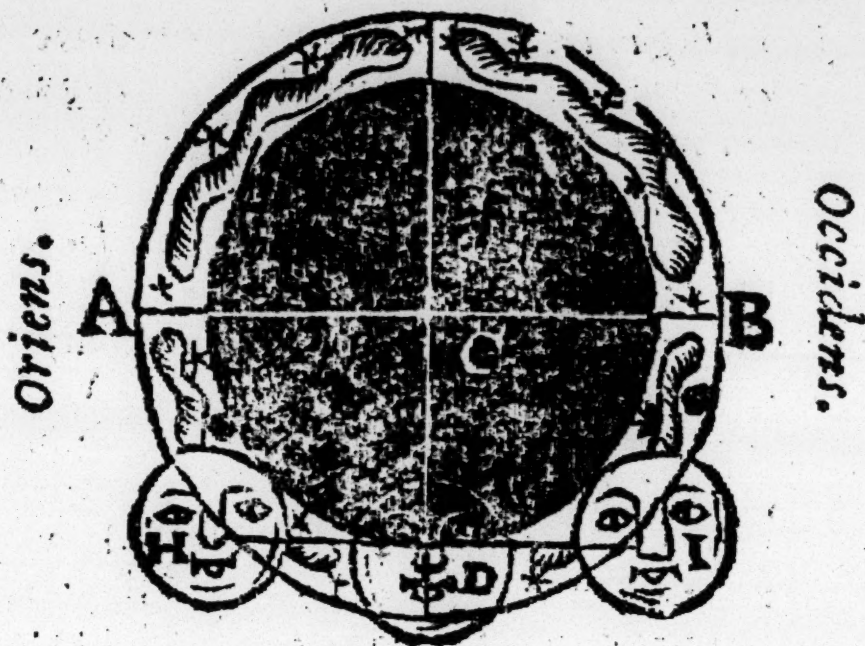
Typus



Naworth. 1643.

# Typus prædictæ Eclipsis Lunæ.

Septentrio.



Meridies.

In which Type you must understand, that the great black Circle, signifieth the shadow of the earth, and the three lesser Circles doe each of them represent the body of the Moon. The white line marked with A, B. sheweth the Ecliptick line, and the line C. D. the meridionall Latitude of the Moon at the middle of the Eclipse, from the said Ecliptick line; and H. I. the way of the Moon during the time of the Eclipse, I. being the Center of her body at the beginning thereof, H. the Center of her body at the end, and D. at her greatest obscuration.

**A true, plaine, and easie Table, shewing the beginning, continuance, and ending of the Reigne of any King or Queen of this Land, since the Conquest, with how long it is since the same, this year 1643.**

- Note that each King ended his reigne the same time that the next King following, began his reigne.

The Kings names.	Began their reigne.	Reigned year. mo. days	years	Since their reigns ended
Wil. Conq	1066 Octob. 14	20 11 14	556	Septem. 9
Wil. Rufus	1087 Sept. 9	12 11 17	543	August 1
Henrie 1.	1100 Aug. 1	35 4 11	508	Decemb. 2
Stephen.	1135 Decem. 2	18 11 18	489	Octob. 25
Henrie 2.	1154 Octo. 25	34 9 1	154	July 6
Richard 1.	1189 July 6	9 9 0	444	April 6
John	1199 April 6	17 24 8	127	Octob. 19
Henrie 3.	1216 Octob 19	56 1 0	371	Nov. 16
Edward 1	1272 Nov. 16	34 8 6	336	July 7
Edward 2	1307 July 7	19 7 5	157	Ianu. 25
Edward 3.	1325 Ianu. 25	50 5 7	366	Iune 21
Richard 2.	1377 Iune 21	22 3 14	234	Septem. 29
Henrie 4	1399 ept. 29	13 6 3	131	March 20
Henrie 5.	1412 Mir. 20	9 5 24	121	August 31
Henrie 6.	1422 Aug. 31	38 6 8	118	March 4
Edward 4.	1460 Mar. 4	22 1 8	160	April 9
Edward 5.	1483 April 9	0 2 18	160	Ianu. 21
Richar. 3.	1483 Ianu. 21	2 2 5	158	August 22
Henrie 7.	1485 Aug 22	23 10 14	134	April 22
Henrie 8.	1509 April 22	37 10 7	97	Ianu. 28
Edward 6.	1548 Ianu 28	6 5 19	95	July 6
Marie	1553 July 6	3 4 25	85	Novem. 17
Elizabeth	1558 N. V. 17	44 4 15	111	March 24
James	1602 Mar. 24	22 0 3	18	March 17
K. Charls	1625 Mar. 27	God save K. Charls, & him defend From hearts and hands that ill intend		

Curse not the King, no not in thy thought, and curse not the rich in thy bed chamber: for a bird of the ayre shall carry the voyce, and that which hath wings shall tell the matter. Ecclesiastes 10 20.

Of the



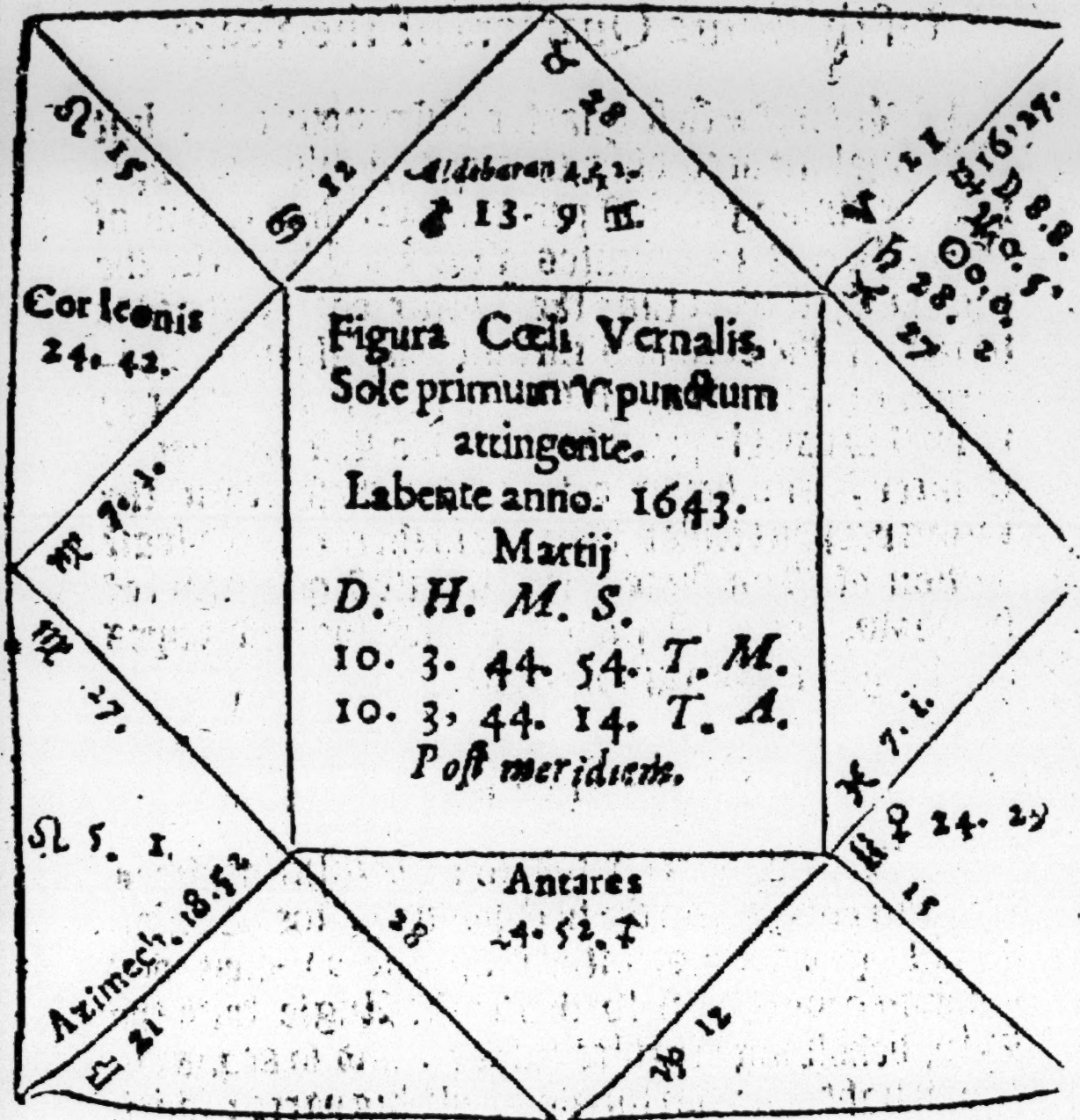
## Of the foure Quarters of the Yeare.

**W**inter, the first quarter Astronomicall, but the last according to our English account, tooke beginning the last yeare 1642. the 11. day of December, at 37 minutes after 3 a Clocke in the morning; at what time the Sunne entered the first scruple of the cold and melancholly signe Capricorne, or (according to Copernicus, and others) when this earthy planet entered the first minute of Cancer, and being deflected furthest from the Suns perpendicular Rayes, did then receiue least portion of Sun-shine, and greatest quantity of shadow, and consequently caused shortest dayes and longest nights amongst us.

## Of the Spring.

The third quarter taketh its beginning when the Sun enters into the first point of the Equidurnall signe Aries, or (after Copernicus) when our Grand-dame-Ops doth beth a right Angle with the Sun, beholding him face to face, and so acquirith equall light and darknesse to all his parts: which either way considered, cometh to passe this year the tenth day of March, 44. minutes past 3, in the after-noon. The state of the heauens at that time being as followeth.

## A Prognostication:



What meaneth Mars, so neare Aldebaran  
In domo Regum? And that Reception  
'Twixt him and Hermes in the house of death?  
And Venus in Exile, below the earth?  
The heavens are sure about some strange Designs,  
When Mars (the god of Warre) is turn'd Divine.  
Of



Naworth. 1643.

Of Summer.

This Festivall season doth usually commence at such time when the Sun hath made furthest perambulation Northward; or (to speake with Copernicus) when this earthy star hath volved her selfe to the furthest limits of her southerne Inclination, and so consequently acquired greatest portion of Sun-shine, and lesse scantlet of shadowe. Which either way construed cometh to passe this yeare, the 11. day of June, at 32 minutes past 7 in the afternoone; For then doth the Sunne precisely enter the first minute of the Tropicall signe Cancer, or (if you will) the earth enter the opposite signe Capricorne.

Of Autumne or Harvest.

When the Sun hath retired himselfe to the first scruple of the Equinoctiall signe Libra, or (otherwise) when this habitable starre is returned to the iust Center, or middle of her Annuall peregrination, beholding the Sun at equall Angles; Then doth this Autumnaall quarter commonly take its beginning, which either way observed, falleth out this yeare the 13 of Septemb. 26 min. past 10 a clock in the fore noone.

Touching the state and condition thereof (as of the other quarters) I refer you to my iudgements in the Almanack, for every moneth, and the successe of all to Gods pleasure, & your owne observation.

To

## A Prognostication

**To know when the Moon will be full  
South every day this year.**

Moones Age.		her being South.	
1	16	12	48
2	17	1	36
3	18	2	24
4	19	3	12
5	20	4	0
6	21	4	48
7	22	5	36
8	23	6	24
9	24	7	12
10	25	8	0
11	26	8	48
12	27	9	36
13	28	10	24
14	29	11	12
15	30	12	0

First finde her Age in the fifth Columnne in the Kalender, which age finde againe in one of the rows upon the left hand this little Table, descending or ascending; against which, in the third Columnne, is the time of her being South. As the first of January she is 21. dayes old, and South at 4. and 48. minutes. And you must note, that all the increasing she cometh to the South in the evening, following the Sun, but in the decrease, in the morning, going before the Sun.

**To know when the Moon riseth and setteth e-  
very day this year, after a new  
and easie order.**

First finde, as before you are taught, her coming to the South, for the day proposed. Then in the first Row in the Kalender, is the Semidiurnall Ark of the Moon set against every day of the moneth, in houres and minutes. Therefore the day being given,



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given, in which you would know the rising or setting of the Moon: See what Houres and minutes stand in the said list rows in the Kalender against the day of the moneth proposed, which being added to the houre of her being south, you have her setting, or counted backward from her being south, you have her rising, which also doubled is her continuance above the Horizon.

Example.

1643. May the tenth, I finde, according unto the former Rules, the Moon will be south at two of the Clock, and 24 minutes afternoon: Then in the sixth row in the Kalender, against the said tenth day of May is 8 houres, 33 minutes, which if you add to the Moons being south, viz to two houres and 24. minutes, you have her, Setting, which is at 10. and 57. minutes at night. Then from 2. and 24. min. afternoon, count 8. houres and 33. min. backwards, which falls at 5. and 51. minutes before noone. her rising. Or adde 2. and 24. minutes to 12, so have you 14 and 24. from which take 8. and 33. minutes, so have you her rising, as before. Lastly double 8 houres and 33 minutes, so have you 17 houres and 6 minutes; and so many houres and minutes is the moon above our Horizon. But in this imagine the Moon alwayes in the Ecliptick; because her Latitude is tedious to bee calculated for every day, yet if I have leisure I will adde in the Kalender her Latitude for every day, whereby you may easily and more exactly finde her

## A Prognostication

her rising and setting, which is most excellent for  
Sea-faring men; and indeed more troublesome  
than the making of two or three Almanacks, as  
some are now a dayes made.

To know how long the Moon shineth every day.

If the Moon increase, finde her setting, and the  
Suns setting: for so much as the Sun setteth be-  
fore her, so long she shineth. But if she be past the  
full as in the decrease, see how much she doth rise  
before the sun, for so long doth she shine.

Example.

The tenth of May, 1643. the sun sets at 8. of  
the Clocke, and 5. minutes; The same day the  
moon sets at 10. and 57. min. which is two houres  
and 52 minutes after the sun: therefore the moone  
shineth 2. houres and 53. minutes in the evening.

To find the High-water in most Coasts of Eng-  
land, &c. As also upon what Poynts of the  
Compass it floweth in any of these coasts.

First, as before you bee instructed, finde what  
houre the moon will be south: for then you may  
truly conclude, it is high-water at Southampton,  
Winchester, and Portsmouth: for there the south  
and north moons make a full water.

But if you desire the full water in any other coast  
about this Kingdom, in the ensuing Table finde  
the



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the name of the place, and see how many houres and minutes be annexed therunto in the row under H. M. which if you adde to the time of the moone coming to the south, you have the time of high water for the place required. Also for further delight, I have added the Poynts of the Compasse that the moone must bee on to make a full sea for that place.

### The Tide Table.

Names of the Havens.	H.	M.	Poynts of Compasse.	
Rochester, Maldon, Aborden,	0	45	S. by W.	N. by E.
Gravesend, Romney, Ramkins,	1	30	S. S. W.	N. N. E.
London, Tynmouth, Hartle, &c.	3	0	S. W.	N. E.
Barwicke, Ofsend, Scarborough,	3	45	S. W. by W.	N. E. by E.
Frish, Leith, Dunbar, Narbon,	4	30	W. S. W.	E. N. E.
Newcastle, Edmouthe, Humber,	5	15	W. by S.	E. by N.
Lin, Antwerp, Plimmouth, Hull,	6	0	East.	West.
Brissell, Lanton, Foulness,	6	45	E. by S.	W. by N.
Milford, Bridge-water, Northcott.	7	30	E. S. E.	W. N. W.
Portland, Poerport, Haystack,	8	15	S. E. by E.	N. W. by W.
Orkney-woole, St. Helen, Orwell,	9	0	S. East.	N. West.
Orford, Needles, Doer, Lux, Lenox,	9	45	S. E. by S.	N. W. by N.
Dover, Tarmouth, Harwich, Dublin,	10	30	S. S. E.	N. N. W.
Callice, Rye, Winchelsey, Calshot,	11	15	S. by E.	N. by W.

### Example.

The 10. of May 1643. it is required to know the full water here at New-Castle: by the Table before I finde the moon, that day, is south at 2 of the Clock, and 24. minutes afternoone. Then in the last Table, against the Name of New-castle, I finde

## A Prognostication.

I finde 5 houres, and 15 minutes, which added unto 2. and 24 minutes, maketh 7 and 39 minutes. I conclude, it is high water at 39 minutes after 7 in the afternoon: so of any other.

But you must note, that the sea will flow more by one point of the compasse, in the Spring Tides, than in any of the quarters of the moon, called Neap Tides, in ever river, that hath any In-brought, and is of some reasonable distance from the sea: As for example, it floweth at New-Castle at the change or full of the moone, when shee is west and by south, or east and by north: but in her Quarters it scarcely floweth, when shee is west south west, or east north east. So likewise, winds, Land floods, the Latitude of the Stone, or her Aspect to Venus in most signes, or to Saturne or Mars in drie signes, may anticipate, or protract, encrease, or diminish the said effect. As many times hath bene seene, when the floore in Westminster Hall hath bene all overflowed: so likewise the inordinate overflowing of Tyne in Decem. 1641. and also in former yeares.

Things very remarkable, and well knowne to our learned sea-men.

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## A short Discourse of the Yeare,

**N**uma, the second King of the Romans, divided the yeare into 12. moneths, and did appoint the same to contain 354 dayes. Long after whom came Julius Caesar, 45. yeares before Christ,



which by the Councell of Soligines, obserbeth, that the Numan yeare they used, was onely Lunar, wanting 11. dayes and 6. houres of a true Solar yeare: and therefore they added those 11. dayes and 6 houres to the former yeare, whereby the yeare did consist of 365. dayes and 6 houres: the which 11. dayes they distributed amongst the Moneths, whereby they did consist of 31. and 30. dayes all but February, that had but 29. and 30. when it was Leap-yeare. But that position of dayes and moneths was afterwards altered to that we have now by Octavianus Caesar surnamed Augustus, the second Emperour of Rome. But to proceed.

After Caesar had thus added 11. dayes and 6 houres, making the yeare to consist of sixe odde houres: he further saw, that if they should be counted forward every yeare, there would happen an inconvenience without getting of a day. For should the yeare begin this yeare at sixe a clock after-noon: the next would begin at midnight, and the third at sixe in the morning of the next day, and so forth, for 124 yeares; the Annuntiation would fall to be kept where St. Mark the Evangelist now is: And what Christmas day would in the space of 364 yeares fall directly upon our Lady day; and that may be thus proved. Since every fourth yeare is a Leap-yeare, it must necessarily follow, that so many times as the Digit 4. is found the compound Number 364, so many Leap-yeares must needs be comprehended in the said summe of 364 yeares, and so many Leap-yeares as there bee, so many dayes must there also be inserted into those yeares,

## A Prognostication.

viz. into every Leap-yeare one. Now the fourth part of 364. is 91. and so many days are to be added to those 91. Leap-yeares. Now 91 dayes will make 3 moneths, scil. 1 moneth of 30. dayes a pece, and one moneth of 31. dayes, and those 3 Moneths are 13. weeks, & 13 weeks is a quarter of a yeare, which if it were neglected, or not reckoned of, then by the premises it plainly appeareth, that in 364. yeares a whole quarter of a yeares error would happen in the computation of the true time for the Celebration of Christmas day: And the more the number of the Leap-yeares be, in which the dies intercalares are intermitted, the greater will the error be, so that in 718. yeares Christmas day would happen to be kept on Midsummer day, as it will manifestly appeare to any one that list to take the pains to reckon it.

To avoid which inconvenience, they also appoynted that in every foure yeares there should bee a day gotten, by the surplus of the 6. houres in every yeare, for foure times five is 20. which is a day naturall, and hereby they keep the yeare back to his true place: the which day they put at the 25. of February, whereby the 6. kalends of March is twice repeated, two dayes answering to one Letter, whereby also the Letter F. in February is twice repeated, Saint Mathias day being observed upon the latter, which is the 25. day according to the Verse, *Bisextum sexta Martistenius Calenda,*  
*Posteriore die celebrantur festa Mathiae.*

So that such a yeare is called *Bisextile*; a *Sext.*  
Kall.



Kal. Mart. bis repetitis. And the opinion of one was, that Annus uno die abundans, bissextilis nuncupatur eo quod contineat 366. dies; ubi senarius bis ponitur, a quo numero senario bis ita replicato, Bissextilem cum appellaverunt. But this is but one Doctors opinion. Halweber, you see that the Leap yeare is nothing but a day which is gotten by the surplus of 6 houres in every care, making in 4 yeares one day: But this Julian yeare is false, and hath bred a great inconvenience; for the true yeare hath but 365 dayes, 5 houres, 49 minutes, and 12 seconds: So that the common Julian yeare was ordained by Caesar to be too great.

Of the originall ground of the alteration of the years and times, with the Feast. moveable and fixed, whereby the Romans and we so differ.

I Told you before that Caesar altered the Numan yeare, causing it to containe 365 dayes and six houres, whereby it was distinguished by the Julian yeare after his owne name, and thereby (as I said) he made the Leap-yeare to consist of 366 dayes, not respecting, or not knowing that the last day in the Leap-yeare did want 43 minutes, 12 seconds of a true day, because he made no great account of so small a want, for that hee thought it could produce no notable error in many yeares. But now this present yeare 1643, there is passed 1688 yeares since Caesars time inclusibely, by which meanes in all this time, thro' the omission of those Minutes and seconds, the Equinoxes and Solstices are gone

## A Prognostication.

backe 12 dayes, 15 houres, 50 minutes and 24 seconds.

Now the reasons wherefore the Romans altered their Kalender, is, because that it was obserbed by the best Astronomers then living, that when Julius Caesar instituted the rules of the common Reflex-tile yeare, that the Equinoctiall of the Spring was betwene the 13. and 24. of March, In Ptolomeus his time, it was between the 21, and 22 of March, since whom there is passed 1508. yeares, and wee now obserbe it the 9. or 10 of our March. For this yeare 1643, the Vernal Equinoxe is upon the 10. of our March, 44 m. n. past 3, in the afternoone. Also it is affirmed by all good Astronomers of that time, that when the first generall Council was held at Nice in Pontus, that the Equinoctiall was the 21 of March, according to which day there were established Paschall Tables, and other rules for the celebration of Easter, and the other moveable feasts, since which time there is passed 1318. yeares, and the Equinoctial is crept back 10. days, by which reason, Easter, and the other feasts thereupon depending, be celebrated at other times, then they then were: By meanes of which anticipation, or foregoing of the Equinoctial, the nativity of Christ (being the 25 of December, which was the shortest day in the yeare, would come to be in June at the longest day, and this would happen, if God were pleased that the world should so long continue, about 22495. yeares to come.

But now albeit the Romans and we differ in the Celebration of our Easter, &c. Yet there is some yeares



## Neworth 1643.

yeares, wherein there is no difference (I meane that they happen on the same sonday, not on the same day of the moneth, for there is alwaye ten dayes difference in accounts) as was in the yeares 1607, 1608, 1611, 1612, 1638, 1639, and the last yeare, and so will be againe in the yeares 1645, 1648, 1649, 1651, 1654, and 1656. Also there may happen yeares of 7. dayes of Difference, as Anno 1640. so likewise this yeare 1643, and so againe in the yeares 1646, 1647, and 1653. &c. Sometimes there may be of 28 dayes difference, as was Anno 1625, and so will bee againe in the yeare 1655. Lastly, there may bee yeares of 35 dayes (or five weeks) difference, as was Anno 1641, and so will bee againe the next yeare 1644. And when there happens 28, or 35 dayes difference, then we have two full Mones betwixt the Spring Equinoctiall, and Easter, which was another cause of the Romans altering their Kalender.

By this that is said, you may gather, that wee tye the dayes of our Moneths to a fixed place, according to the first Institution, not regarding how the spring tyeth back to the winter, or the winter to the summer; whereas the Romans keepe their dayes of the moneths in the same temperatüre of the yeare, and under the same Signe and Degree. Not without cause then may wee wonder at our times, when the truest use of Gods instruments is so much neglected in our Computations. Yetther doe I know any reason, why the yeare should not be amended (were the Labour undertaken  
by

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by some of the most skilfull Astronomers of this Land, and confirmed by our Sovereigne King) which yeare might be as well called Magnus Charoli Annus, as the other Julian and Gregorian. And for my part I cannot conceive what greater incon-  
periences might thereby insue in Politick affairs, more than did by that other Reformation in the Roman Canon in wealth.

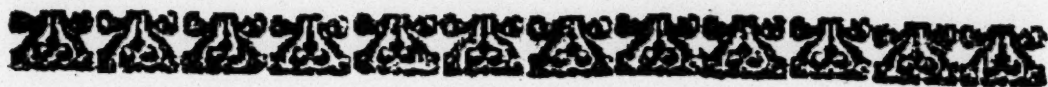
But happily some will say; what need wee this alteration, or what care we for the inequall Re-  
cession, or Anticipation of the Equinoctiall, or the motion of the Sun, there is no warrant for it in Scripture: Ofluch I aske how wee must under-  
stand, Gen. Chap. 1. Ver. 14. And let them be for Signes and for Seasons, and for dayes and yeares. Againe Chrysostome saith, Our Saviour was borne when the dayes began to encrease. Yea there is ma-  
ny Notes worthy observing herein: For in the Spring Equinoctiall the Son of God was incar-  
nate: In the Equinoctiall of Autumne, John Bap-  
tist was conceived, and borne in the Summer Sol-  
sticiall, which is about the 24. of June, which is the fifth moneth, whereof St. Luke speaketh in his Gospell; And this Chrysostome verifieth say-  
ing, St. John was borne, when the dayes began to decrease. Again the said Equinoctiall of the spring Christ suffered, Adam was created, and lost the  
State of Innocency, Abel was slaine, Melchisedech offered Bread and Wine, Isaac brought to be sa-  
crificed, John Baptist beheaded at Macharunta, Peter delivered out of prison, St. James beheaded, the 30. Christ enjoyed Paradise, and bodies of  
Saints



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Saints ande. And these I hope bee sufficient accidents, why those times and seasons should bee distinguished, and obserued now as they were before: For I take it to be fit, to celebrate every accident as neare to the true time it happened as we may. For the dayes of the moneth were but the Inventions of men, the Sun being set in the heabens by our God, as a true Register, and Kalender of times and seasons.

Laus sit Deo omnipotenti,



FINIS.



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